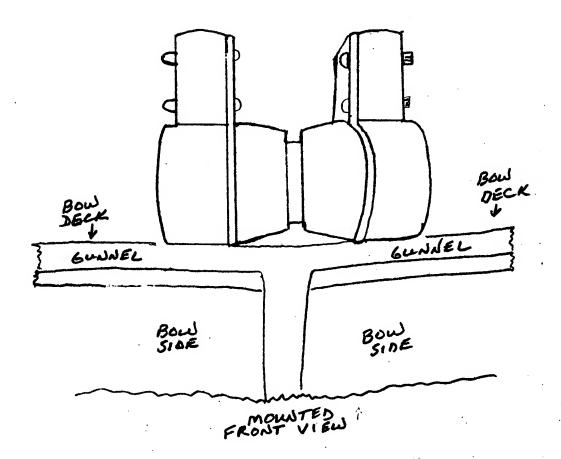
Inventors: Ken C. Richardson, Larry D. Richardson Invention: Anchor Assist Page: 0/14



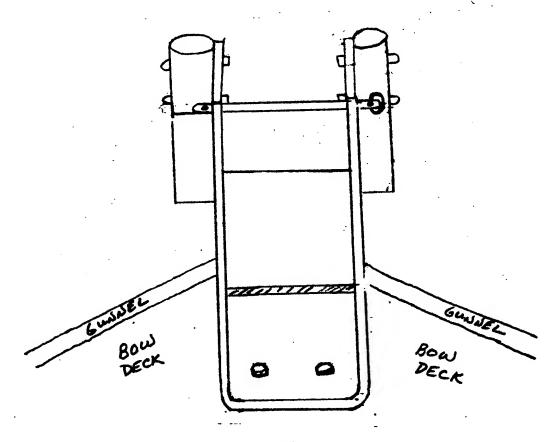
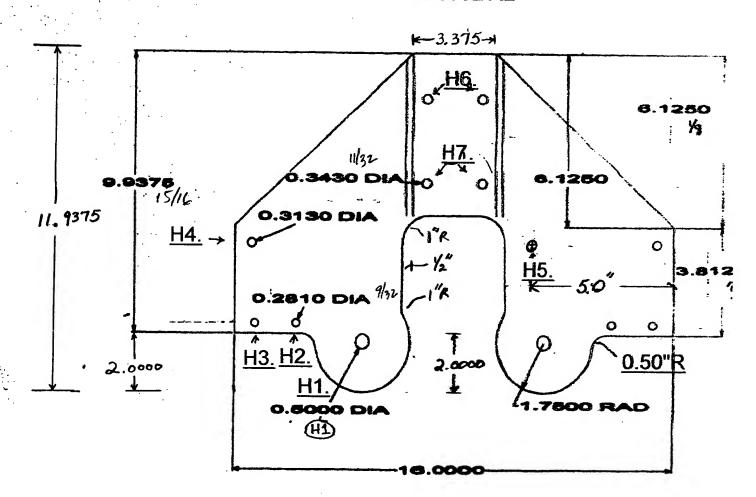


FIG O

Ken C. Richardson, Larry D. Richards n Invention: Anch r Assist

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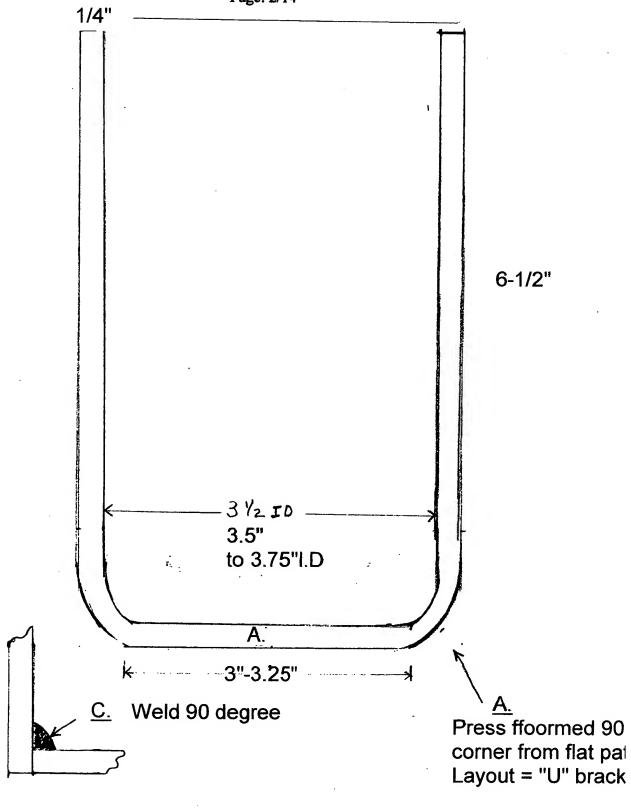
Fabrication Layout CNC#81105 1/4"5052 AL



0.25" 5052 Aluminum Sheet
A. - Flat Patern Only
Fig 1

## Ken C. Richards n, Larry D. Richards n Invention: Anchor Assist

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Q. Alternate to press formed 90 Base =  $5 \times 3-1/2 \times 1/4$ "

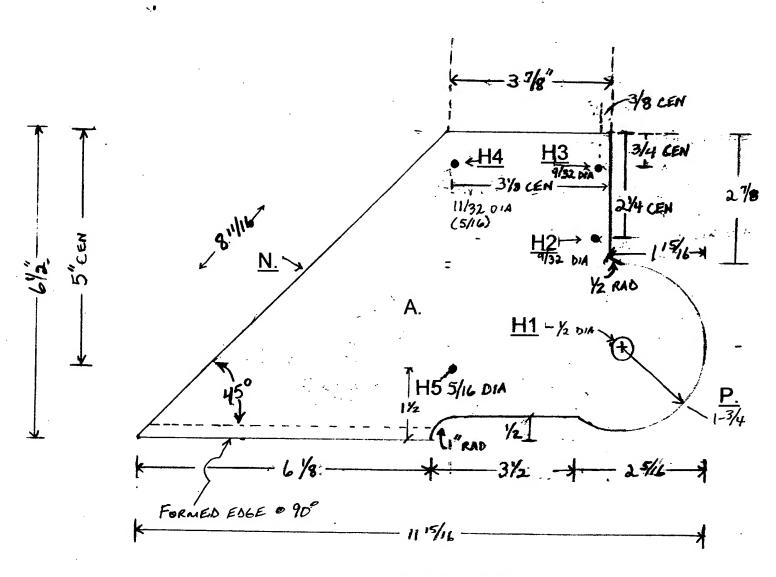
Rear View of Formed Bracket before Addition of welded Support Gusset

Fig 2

# Ken C. Richardson, Larry D. Richardson Invention: Anchor Assist

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BIG WATER CO ANCHOR ASSIST SIDE VIEW



A. = Bracket without UMHW Guides and Hardware

Side View Fig 3

Inventors:
Ken C. Richardson, Larry D. Richardson

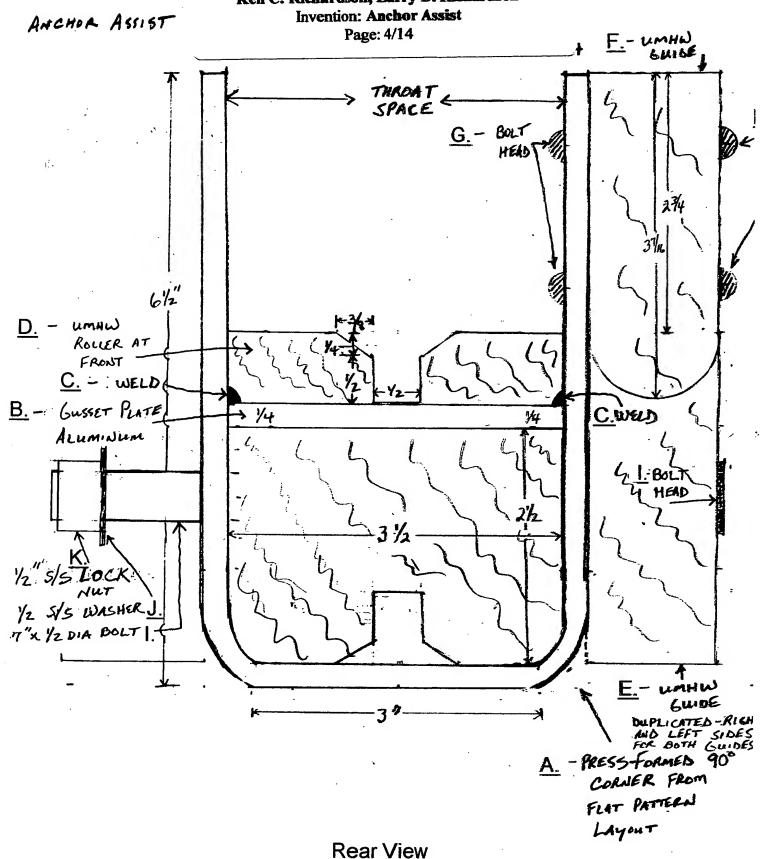


Fig 4

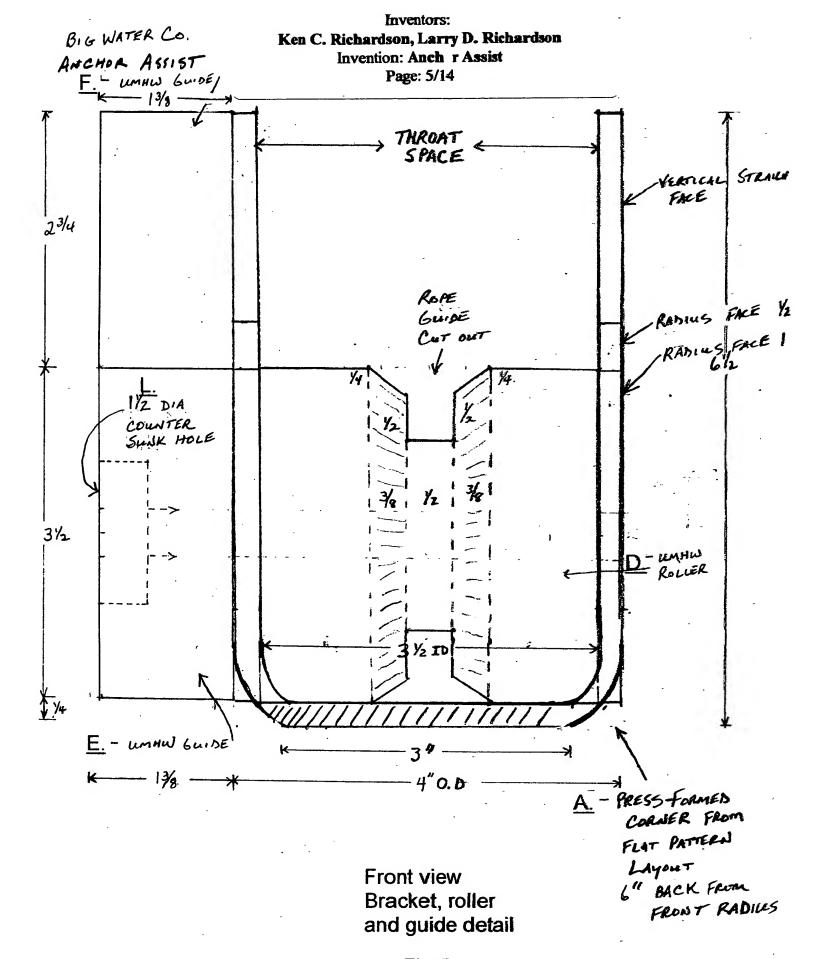


Fig 5

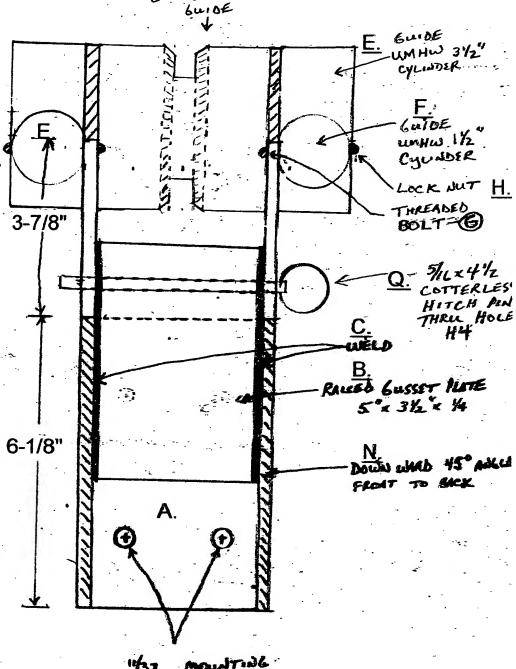
Inventors:
Ken C. Richardson, Larry D. Richardson
Invention: Anchor Assist
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ROLLER RADIUS
134 DIA 1-15/16" 3-7/8" B. RAISED GUSSET PLATE
5"x 31/2"x 1/4 6-1/8" DOWN WARD 45° ANGLE FRONT TO BACK 0 132 MOUNTING HOLES IN BASE 11/32 TOP VIEW

Fig 6

BIG WATER CO ANCHOR ASSIST TOP VIEW Ken C. Richardson, Larry D. Richardson Invention: Anchor Assist Page: 7/14

D. - LIMHW CENTER
ROLLER WITH
CUT OUT ROPE
buide



HOLES IN BASE

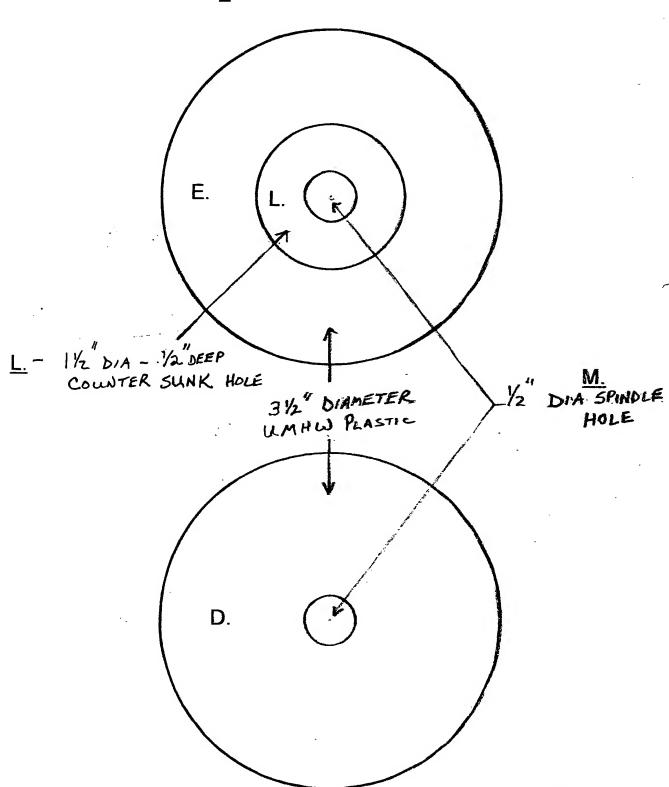
Fig 7

Inventors:

Ken C. Richardson, Larry D. Richardson Invention: Anchor Assist

vention: Anchor A Page: 8/14

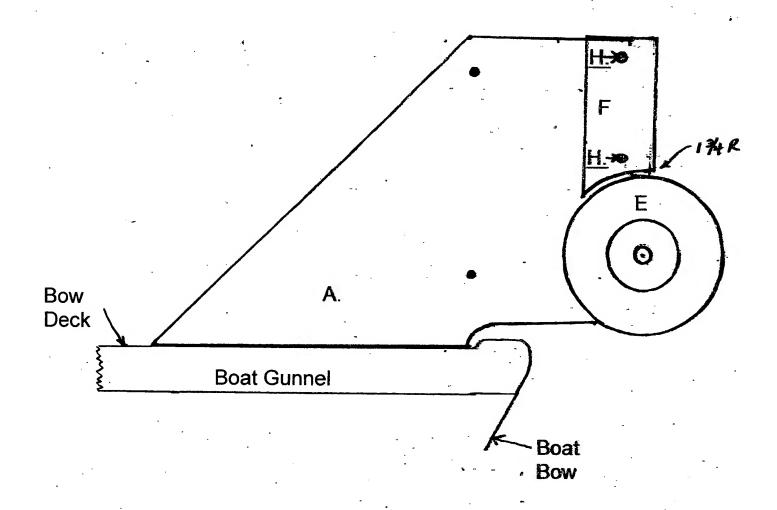
E = SIDE VIEW - OUTER GUIDES



D. = SIDE VIEW - CENTER ROLLER AND INSIDE VIEW - (A) SIDE OF DUTER GUIDES

Fig 8

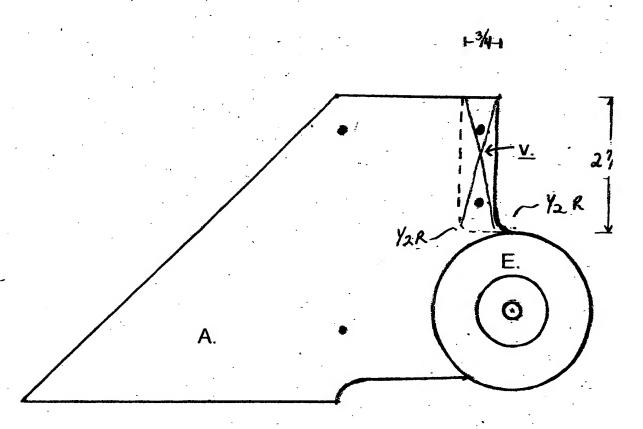
Inventors:
Ken C. Richardson, Larry D. Richardson
Invention: Anchor Assist
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Side View
Relationship - Upper and Lower Guid
Fig 9

Inventors:
Ken C. Richardson, Larry D. Richardson
Invention: Anchor Assist

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Alternate Roller
V-Bracket A Modification
For S Instationa/Operation
Side View - I
Fig 11

BIG WATER CO ANCHOR ASSIST Ken C. Richardson, Larry D. Richardson Invention: Ancher Assist

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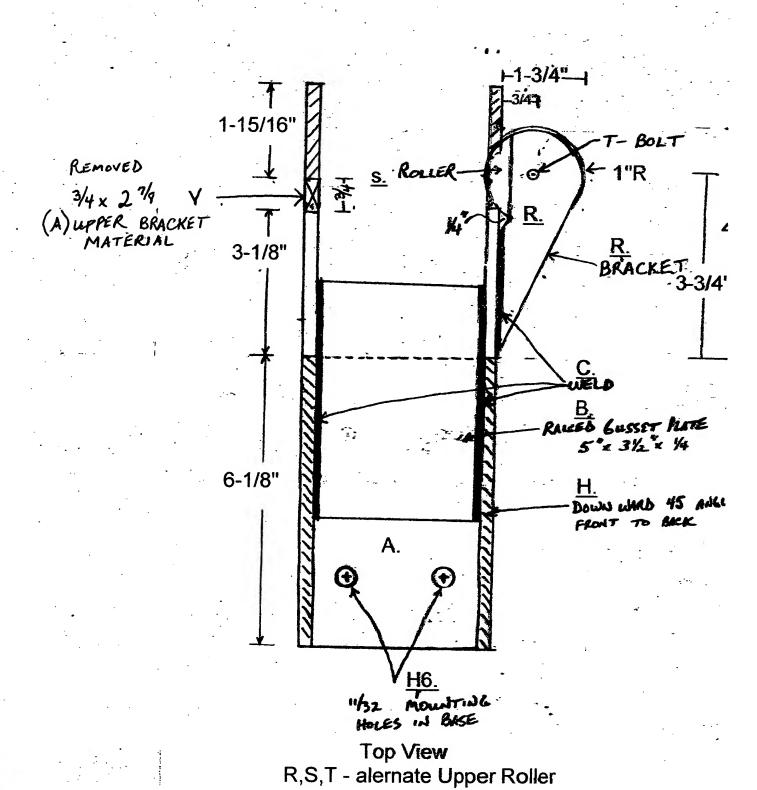
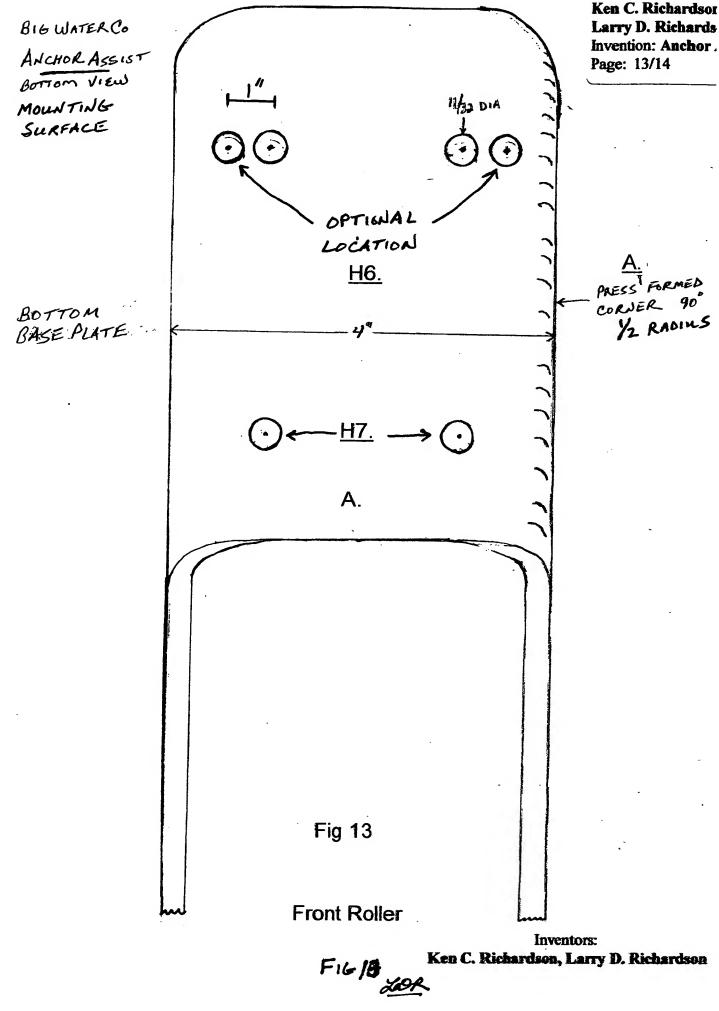
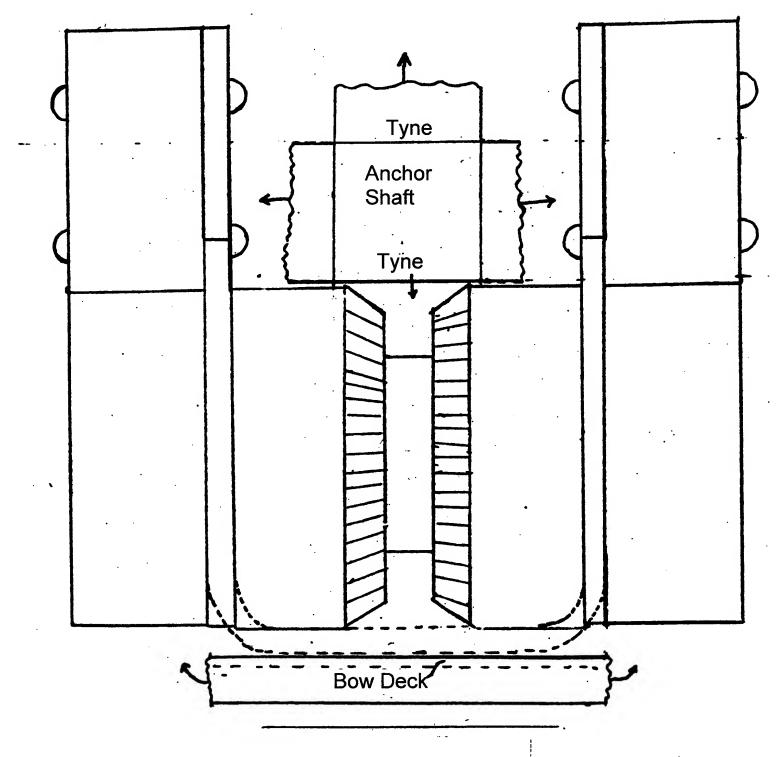


Fig 12



# Inventors: Ken C. Richardson, Larry D. Richardson Invention: Anchor Assist Page: 14/14



Front view Roller Bracket Assembly ver Boat Bow